

**Flood Control Project Maintenance
Levee Inspections**

Fall 2014 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0554	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0554 Walnut Grove	U	1.13						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.15		0.15	13.32%				
Trim / Thin Trees		0.16	0.64	56.85%				
Encroachments					0.01	0.01		
Erosion / Bank Caving		0.02	0.08	7.11%				
<i>Supplemental</i>								
USACE Erosion Survey	0.09		0.09	7.99%				
DWR UCIP Field Study					0.06	0.11		
<i>LMA Totals:</i>	0.24	0.18	0.96	85.27%	0.07	0.12	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2014 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2014 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.13
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	05/06/2014 - 05/06/2014		10/22/2014 - 10/22/2014	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. David Pesavento D.W.R.		Gilbert Labrie	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- completion of the inspection
- any changes other than the results of normal maintenance
- corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0554_01_f_2014_3				
Action/Comments					
Inspector Comments: The district is prepared to partner with neighboring Districts as in the past.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0554_01_f_2014_35				
Action/Comments					
Inspector Comments: The district has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	36	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Emergency Supplies & Equipment				°	
					°	
DWR ID	DWR_RD0554_01_f_2014_36					
Action/Comments						
Inspector Comments: The district shares with neighboring district, RD 551.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	14
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.249538 °	38.249538 °
				-121.509959 °	-121.509959 °
DWR ID	DWR_RD0554_01_f_2014_14				
Action/Comments					
Inspector Comments: FS_ID:33643 EP_NO: 3360 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Recommend having owner install markers per CVFPB Title 23 for active pressure line. Owner will need to coordinate with CVFPB. FIELD_STRUCT_DESC: Gas line along and through the levee, 3.5 feet below the crown. (Permit No. 3360-1962) FS Date: 3/12/2014					

No Photos

LM Start	0.06	Rating **	U	Issue No.	17
LM End	0.06	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.248643 °	38.248643 °
				-121.509850 °	-121.509850 °
DWR ID	DWR_RD0554_01_f_2014_17				
Action/Comments					
Inspector Comments: FS_ID:32005 EP_NO: 5607 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Valves abandoned on landward side--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Abandoned three 4-inch steel petroleum pipes through the levee, 22.5 feet below the crown. Pipes placed in 8-inch pipe casing through the levee and plugged with concrete. Abandoned under Permit No. 5607 (1966). FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

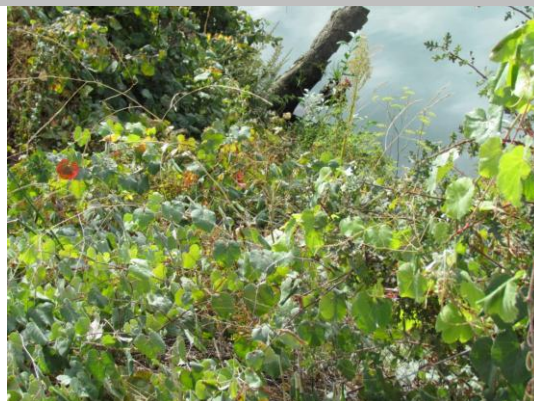
Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.09	Rating **	U	Issue No.	11
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.248262 °	38.248262 °
				-121.509901 °	-121.509901 °
DWR ID	DWR_RD0554_01_s_2014_11				
Action/Comments					
Note and monitor erosion site. Inspector Comments: This is not a new erosion site, repairs are needed. One tree has fallen into the Sac River at the erosion site. There are many more trees at that same location.					

Photo 1 of 1 : FA_2014_RD0554_176_11_20141125_00012.jpg



Erosion on waterside toe dead tree fallen at erosion site.

LM Start	0.10	Rating **	U	Issue No.	19
LM End	0.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.248108 °	38.248108 °
				-121.509729 °	-121.509729 °
DWR ID	DWR_RD0554_01_f_2014_19				
Action/Comments					
Inspector Comments: FS_ID:33644 EP_NO: 3556 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Owner will need to coordinate with CVFPB for proper abandonment of crossing. FIELD_STRUCT_DESC: 1 of 3: Abandoned 4-inch steel petroleum pipeline through the levee, 22.5-feet below the crown. Pipes placed in 8-inch pipe casing through the levee. Gate valves on each pipe in valve box on landward side. (Permit No. 3556-1961). Pipes were abandoned and plugged with concrete, and petroleum dock in channel was removed under Permit No. 5607 (1966). FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.10	Rating **	U	Issue No.	21
LM End	0.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.248108 °	38.248108 °
				-121.509729 °	-121.509729 °
DWR ID	DWR_RD0554_01_f_2014_21				
Action/Comments					
Inspector Comments: FS_ID:33645 EP_NO: 3556 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Owner will need to coordinate with CVFPB for proper abandonment of crossing. FIELD_STRUCT_DESC: 2 of 3: Abandoned 4-inch steel petroleum pipeline through the levee, 22.5-feet below the crown. Pipes placed in 8-inch pipe casing through the levee. Gate valves on each pipe in valve box on landward side. (Permit No. 3556-1961). Pipes were abandoned and plugged with concrete, and petroleum dock in channel was removed under Permit No. 5607 (1966). FS Date: 3/12/2014					

No Photos

LM Start	0.10	Rating **	U	Issue No.	22
LM End	0.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.248108 °	38.248108 °
				-121.509729 °	-121.509729 °
DWR ID	DWR_RD0554_01_f_2014_22				
Action/Comments					
Inspector Comments: FS_ID:33646 EP_NO: 3556 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Owner will need to coordinate with CVFPB for proper abandonment of crossing. FIELD_STRUCT_DESC: 3 of 3: Abandoned 4-inch steel petroleum pipeline through the levee, 22.5-feet below the crown. Pipes placed in 8-inch pipe casing through the levee. Gate valves on each pipe in valve box on landward side. (Permit No. 3556-1961). Pipes were abandoned and plugged with concrete, and petroleum dock in channel was removed under Permit No. 5607 (1966). FS Date: 3/12/2014					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0554 Walnut Grove

Looking downstream from the waterside shoulder RD 554.

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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.24	Rating **	U	Issue No.	23
LM End	0.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.246208 °	38.246208 °
				-121.510655 °	-121.510655 °
DWR ID	DWR_RD0554_01_f_2014_23				
Action/Comments					
Inspector Comments: FS_ID:33647					
EP_NO: 3921					
Repair Type: Urgent					
Crossing Status: Not Found					
UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Owner will need to coordinate with CVFPB for proper abandonment of crossing.					
FIELD_STRUCT_DESC: 6 5/8-inch gas line through the levee, 3.5-feet below the crown. Concrete cutoff wall around pipeline near waterward shoulder. Marker sign on landward shoulder. Rock revetment on waterward slope. (Permit No. 3921-1962).					
FS Date: 3/12/2014					

No Photos

LM Start	0.25	Rating **	M	Issue No.	24
LM End	0.25	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.246117 °	38.246117 °
				-121.510803 °	-121.510803 °
DWR ID	DWR_RD0554_01_f_2014_24				
Action/Comments					
Inspector Comments: FS_ID:32018					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine status of crossing--was crossing removed during erosion repair site in 2007-2009? Need to coordinate with LMA or owner to obtain additional information about crossing.					
FIELD_STRUCT_DESC: Inactive 6-inch pipe through the levee, 1.0-foot below the crown. Concrete pump pad on the waterward slope.					
FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.25	Rating **	M	Issue No.	2
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.246222 °	38.245017 °
				-121.510878 °	-121.511740 °
DWR ID	DWR_RD0554_01_f_2014_2				
Action/Comments					
Inspector Comments: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013: Short vertical sections at bank toe. [2013 Site ID: SAC_27-0_L]					

Photo 1 of 2 : FA_2014_RD0554_176_2_20141008_00001.jpg



USACE 2013 Photo #1

LM Start	0.25	Rating **	M	Issue No.	2 (cont)
LM End	0.34	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD0554_176_2_20141008_00002.jpg



USACE 2013 Photo #2

LM Start	0.28	Rating **	M	Issue No.	1
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245724 °	38.244974 °
				-121.510987 °	-121.511540 °
DWR ID	DWR_RD0554_01_f_2013_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2014

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

No Photos

A photograph showing a large, dark, irregular hole in a sandy, rocky ground. The hole is deep and appears to be an entrance to a burrow or nest. The surrounding ground is composed of light-colored sand and small rocks. There is some sparse vegetation on the left side of the image.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.31	Rating **	U	Issue No.	25
LM End	0.31	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID	DWR_RD0554_01_f_2014_25				
Action/Comments					
Inspector Comments: FS_ID:33648					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross					

No Photos

LM Start	0.31	Rating **	U	Issue No.	26
LM End	0.31	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID	DWR_RD0554_01_f_2014_26				
Action/Comments					
Inspector Comments: FS_ID:33649					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee.					
FIELD_STRUCT_DESC: 2 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20).					
FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.31	Rating **	U	Issue No.	27
LM End	0.31	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID	DWR_RD0554_01_f_2014_27				
Action/Comments					
Inspector Comments: FS_ID:33650					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee.					
FIELD_STRUCT_DESC: 3 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20).					
FS Date: 3/12/2014					

No Photos

LM Start	0.32	Rating **	C	Issue No.	7
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245152 °	38.245152 °
				-121.511435 °	-121.511435 °
DWR ID	DWR_RD0554_01_f_2014_7				
Action/Comments					
Tree or limb					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.49	Rating **	M	Issue No.	28
LM End	0.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.242950 °	38.242950 °
				-121.512870 °	-121.512870 °
DWR ID	DWR_RD0554_01_f_2014_28				
Action/Comments					
Inspector Comments: FS_ID:32019 EP_NO: 4685 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing is tied to manhole located on Market Street and C Street. Need to contact owner to determine alignment of crossing. FIELD_STRUCT_DESC: 6-inch cast iron sewer pipe sleeved through 15-inch CMP through the levee, 3.5 feet below the crown. Annular space grouted. CM cutoff wall around the pipe at center of levee. Concrete siphon breaker, air-release valve on waterward shoulder. Riprap on waterward slope. (Permit No. 4685-1966) FS Date: 3/12/2014					

No Photos

LM Start	0.59	Rating **	M	Issue No.	29
LM End	0.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.241983 °	38.241983 °
				-121.514171 °	-121.514171 °
DWR ID	DWR_RD0554_01_f_2014_29				
Action/Comments					
Inspector Comments: FS_ID:32020					
EP_NO: 11154					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if this pipe section is the same one listed under 11154. Need to contact owner to determine status and obtain additional information about crossing.					
FIELD_STRUCT_DESC: 8-inch pipe through the levee, 9.8 feet below the crown. Pipe retained under ABO No. 11154 (1975).					
FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.63	Rating **	U	Issue No.	18
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.241547 °	38.240129 °
				-121.514617 °	-121.515973 °
DWR ID	DWR_RD0554_01_s_2014_18				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: No new photo taken Fall 2014. No change at this location.					

Photo 1 of 1 : FA_2014_RD0554_176_18_20141008_00010.jpg



Wooded tree growth along waterward shoulder and slope. Photo taken 06-05-2014. No new photo taken Fall 2014.

LM Start	0.63	Rating **	A/W	Issue No.	4
LM End	0.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.241503 °	38.239527 °
				-121.514579 °	-121.516441 °
DWR ID	DWR_RD0554_01_s_2012_4				
Action/Comments					
Environmental Requirements.					

No Photos

LM Start	0.68	Rating **	U	Issue No.	30
LM End	0.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.240917 °	38.240917 °
				-121.515068 °	-121.515068 °
DWR ID	DWR_RD0554_01_f _ 2014_30				
Action/Comments					
Inspector Comments: FS_ID:33651					
EP_NO: 4008					
Repair Type: Urgent					
Crossing Status: Not Found					
UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Owner will need to coordinate with CVFPB for proper abandonment of crossing.					
FIELD_STRUCT_DESC: 2-inch steel gas pipe through the levee. (Permit No. 4008-1975)					
FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.73	Rating **	M	Issue No.	5
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240332 °	38.240166 °
				-121.515786 °	-121.515952 °
DWR ID	DWR_RD0554_01_f_2013_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.75	Rating **	U	Issue No.	20
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.240128 °	38.239630 °
				-121.515974 °	-121.516418 °
DWR ID	DWR_RD0554_01_s_2014_20				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: No new photo for this issue Fall inspection 2014.					

Photo 1 of 1 : FA_2014_RD0554_176_20_20141008_00011.jpg



Wooded tree growth on landward levee slope and shoulders. Photo taken 06-05-2014. No new photo, no change to location during Fall inspection.

LM Start	0.87	Rating **	M	Issue No.	10
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238619 °	38.237930 °
				-121.516862 °	-121.516812 °
DWR ID	DWR_RD0554_01_s_2014_10				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: There are young trees along the landside levee slope that need to be removed and some need to be trimmed that are blocking visibility or access to the levee section.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.87	Rating **	M	Issue No.	31
LM End	0.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID	DWR_RD0554_01_f _ 2014_31				
Action/Comments					
Inspector Comments: FS_ID:32021					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm how many sewer lines cross levee.					
Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing.					
FIELD_STRUCT_DESC: 1 of 2: 4-inch clay sewer pipe through the					
levee, 10.2 feet below the crown. (USACE-1959). This entry matches					
the Drainage or Irrigation Structure referenced in O&M manual (RM					
26.50).					
FS Date: 3/12/2014 2:06:00 PM					

No Photos

LM Start	0.87	Rating **	M	Issue No.	32
LM End	0.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID	DWR_RD0554_01_f _ 2014_32				
Action/Comments					
Inspector Comments: FS_ID:32022					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm how many sewer lines cross levee.					
Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner					
to confirm status of crossing.					
FIELD_STRUCT_DESC: 2 of 2: 4-inch clay sewer pipe through the					
levee, 10.2 feet below the crown. (USACE-1959). This entry matches					
the Drainage or Irrigation Structure referenced in O&M manual (RM					
26.50).					
FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	33
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238326 °	38.238326 °
				-121.516944 °	-121.516944 °
DWR ID	DWR_RD0554_01_f _ 2014_33				
Action/Comments					
Inspector Comments: FS_ID:31897					
EP_NO: 5742					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if water line crosses levee. Need to coordinate with owner to determine if crossing goes through levee and if this record corresponds to waterline.					
FIELD_STRUCT_DESC: 2 of 2: Water line through the levee, 1.0 foot below the crown. Stairway, walkway and ramp on the waterward slope leading to floating wharf (8x80 foot) in the channel. Rock revetment on the waterward slope. (Permit No. 5742-1975)					
FS Date: 3/12/2014					

No Photos

LM Start	0.89	Rating **	U	Issue No.	34
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238326 °	38.238326 °
				-121.516944 °	-121.516944 °
DWR ID	DWR_RD0554_01_f _ 2014_34				
Action/Comments					
Inspector Comments: FS_ID:33652					
EP_NO: 5742					
Repair Type: Urgent					
Crossing Status: Not Found					
UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Owner will need to coordinate with CVFPB for proper abandonment of crossing.					
FIELD_STRUCT_DESC: 1 of 2: Fuel line through the levee, 1.0 foot below the crown. Stairway, walkway and ramp on the waterward slope leading to floating wharf (8x80 foot) in the channel. Rock revetment on the waterward slope. (Permit No. 5742-1975)					
FS Date: 3/12/2014					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

Reclamation District No. 0554 Walnut Grove

No Photos

Another view of the unauthorized pipe repair viewed from landside shoulder. 06-05-2014.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2014 10/22/2014	Herman Phillips

LM Start	1.09	Rating **	U	Issue No.	16 (cont)	
LM End	1.09	Issue Type +	En	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.235422 °		38.235422 °
				-121.517233 °		-121.517233 °
DWR ID	DWR_RD0554_01_s_2014_16					
Action/Comments						
Pipe						
Inspector Comments: Unauthorized pipe repair done without CVFPB permit. No new photo taken during fall 2014.						

Photo 3 of 3 : FA_2014_RD0554_176_16_20141008_00009.jpg



Waterside view of the unauthorized pipe repair, new pump shown in picture. Photo taken 06-05-2014.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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